

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Paul W. Dent

Serial No. 09/939,006

Filed August 24, 2001

For: **COMMUNICATION SYSTEM EMPLOYING
CHANNEL ESTIMATION LOOP-BACK
SIGNALS**

Attorney's Docket No. 4015-1600



Examiner TBA
Group Art Unit 2681

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Raleigh, North Carolina

December 5, 2001

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Information Disclosure Statement

Sir:

Attached hereto is an information disclosure statement (PTO-1449). This IDS is being submitted before any action on the merits. As such, no fee is required. However, if fees are required, please deduct from our Deposit Account No. 18-1167.

Respectfully submitted,

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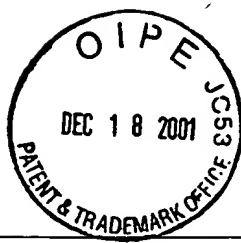
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FORM PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION PURSUANT TO
37 CFR §1.97 & 1.98**

Docket Number: 4015-1600
Serial Number: 09/939,006
Applicant: Paul W. Dent
Filing Date: December 5, 2001
Group: 2681

U. S. PATENT DOCUMENTS

Examiner Initial	Patent No.	Date	Name	Class	Subcl	Filing Date	
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M	5,883,888	1999	St-Pierre				

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					Yes	No

OTHER DOCUMENTS (including author, title, date, pages, etc.)

1	<i>Initial Estimation of Communication Efficiency of Indoor Wireless Channels</i> , G. J. Foschini and R. A. Valenzuela, Wireless Networks 3, pp. 141-154, 1997; Lucent Technologies, Bell Labs Innovations, Crawford Hill Laboratory, Holmdel, NJ 07733, USA
2	<i>On Limits of Wireless Communications in a Fading Environment When Using Multiple Antennas</i> , G. J. Foschini and M.J. Gans, Wireless Personal Communications, Vol. 6 (No.3), pp. 311-335, Kluwer Academic Publishers, March, 1998; Lucent Technologies, Bell Labs Innovations, Crawford Hill Laboratory – R137, 791 Holmdel-Keyport Road, Holmdel, NJ 07733-0400, USA



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Group:

U. S. PATENT DOCUMENTS

Examiner					Filing Date		
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